EAST Search History

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|-------|--|---|---------------------|---------|---------------------|
| L1 | 18853 | (locat\$3 position coordinat\$3) NEAPS (laser emit\$4 radiat\$3 beam light \$2 luminat\$3) WITH (image picture frame) AND ("250"/\$, "340"/\$, "356"/ \$, "382"/\$).cols. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 08:29 |
| L2 | 3259 | (locat\$3 position coordinat\$3) NEAP5 (laser emit\$4 radiat\$3 beam light \$2lluminat\$3) WITH (image picture frame) AND ("250"/\$, "340"/\$, "356"/ \$, "382"/\$).cds. AND (radiation laser light) WITH (scatter\$3 particle smok \$3) SAME (\$3imag\$3 pictur\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 08:31 |
| L3 | 173 | 12 AND (250/343,552,573-577, 340/237,607,628,630,693, 356/206,207,237,336- 338,369,438,439, 382/100,325).cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 08:33 |
| L4 | 3757 | (locat\$3 position coordinat\$3) NEARS (source emitter diode led bulk) NEAR3 (laser emit\$4 radiat\$3 beam light \$2 luminat\$3) WITH (image picture frame) AND ("250"/\$, "340"/\$, "356"/\$, "382"/\$).cods. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 08:47 |
| L5 | 103 | L4 AND (250/343,552,673-577, 340/237,607,626,630,693, 356/206,207,237,336- 338,369,438,439, 382/100,325).cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/11 08:51 |
| S1 | 1 | 10/556807.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/02 15:05 |
| S5 | 121 | (KNOX-RON\$, BOETTGER-KAPL\$, MEIKLE-PETER\$, ALEXANDER-BRIAN \$) in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 09:13 |
| S6 | 1 | 10/556807.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2009/03/03 10:49 |

| S 7 | 121 | (KNOX-FONS, BOETTGER-KARLS, MB KLE-PETERS, ALEXANDER-BPI AN S).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 10:49 |
|------------|------|---|---|----|----|---------------------|
| S8 | 17 | S7 AND ((radiation laser light) AND (scatter\$3 particle smok\$3)) NOT S6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 10:49 |
| S9 | 3 | ("3924252" "5576697" "5696379"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/03 10:54 |
| S10 | 7046 | (radiation laser light) WITH (scatter \$3 particle smok\$3 SAME (Simag\$3 pictur\$3) AND (radiation laser light) WITH modulat\$3 AND (\$3imag\$3 pictur\$3) WITH (segment segmentation region area) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 12:14 |
| S11 | 349 | (radiation laser light) WITH (detect \$3 recogn \$5 locat\$3 position coordinate point) WITH (scatter\$3 particle smok\$3) SAME (\$3imag\$3 pictur\$3) AND (radiation laser light) WITH modulat\$3 AND (\$3imag\$3 pictur\$3) WITH (segment segmentation region area roi) AND frame WITH (integrat\$4 averag\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 12:23 |
| S12 | 9 | \$11 AND (250/343,552,573-577, 340/237,607,628,630,693, 356/206,207,237,336- 338,369,438,439, 382/100,325).cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 12:25 |
| S13 | 362 | (radiation laser light) SAME (detect\$3 recogni\$5 locat\$3 position coordinate point) WITH (scatter\$5 particle smok \$3) SAME (\$3imag\$3 pictur\$3) AND (radiation laser light) WITH modulat \$3 AND (\$3imag\$5 pictur\$3) WITH (segment segmentation region area roi) AND frame WITH (integrat\$4 averag\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 13:20 |
| S14 | 349 | (radiation laser light) WITH (detect \$3 recogni\$5 locat\$\$ position coordinate point) WITH (scatter\$3 particle smok\$3) SAME (\$3imag\$3 pictur\$3) AND (radiation laser light) WITH modulat\$3 AND (\$3imag\$3 pictur\$3) WITH (segment segmentation region area roi) AND frame WITH (integrat\$4 averag\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 13:21 |

| S15 | 9 | S14 AND (250/343,552,573-577, 340/237,607,628,630,693, 356/206,207,237,336- 338,369,438,439, 382/100,325).cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 13:21 |
|-----|-----|---|---|----|----|---------------------|
| S16 | 0 | S14 AND (250/343,552,573-577, 340/237,607,529,630,693, 356/206,207,237,336- 338,369,438,439, 382/100,325).cds. NOT S15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 13:21 |
| S17 | 52 | S13 AND ("250"/\$, "340"/\$, "356"/\$, "382"/\$).cds. NOT S15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 13:22 |
| S18 | 1 | (radiation laser light) SAME (detect\$3 recogn\\$5 locat\$3 position coordinate point) WITH (scatter\\$5 particle) WITH smok\\$3 SAME (\\$3 imag\\$3 pictur\\$3) AND (radiation laser light) WITH modulat\\$3 AND (\\$3 imag\\$3 pictur\\$3) WITH (segment segmentation region area roi) AND frame WITH (integrat\\$4 averag\\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 14:48 |
| S19 | 11 | (radiation laser light) SAME smok\$3 SAME (\$Simag\$3 pictur\$3) AND (radiation laser light) WITH modulat \$3 AND (\$3imag\$3 pictur\$3) WITH (segment segmentation region area roi) AND frame WITH (integrat\$4 averag\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 14:50 |
| S20 | 138 | (radiation laser light) SAME smok\$3 SAME (\$3imag\$3 pictur\$3) AND (radiation laser light) WiTH modulat \$3 AND (\$3imag\$3 pictur\$3) WiTH (segment segmentation region area roi) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 14:50 |
| S21 | 1 | 10/556807.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 14:51 |
| S22 | 136 | \$20 NOT (\$15 \$17 \$21) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB | OR | ON | 2009/03/03 14:51 |

| S23 | 42 | \$22 AND ("250"/\$, "340"/\$, "356"/\$, "382"/\$).cds. NOT \$15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 14:52 |
|-----|------|---|---|----|----|---------------------|
| S24 | 95 | (radiation laser light) SAME (smok\$3) dust\$3) SAME scatter\$5 SAME (\$3imag\$5 pictur\$3) AND (radiation laser light) WITH modulat\$3 AND (\$3imag\$5 pictur\$3) WITH (segment segmentation region area roi) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 14:55 |
| S25 | 29 | \$24 AND ("250"/\$, "340"/\$, "356"/\$, "382"/\$).cds. NOT (\$15 \$17 \$21) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 14:57 |
| S26 | 63 | \$24 NOT (\$15 \$17 \$21 \$25) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 15:06 |
| S27 | 17 | ("3406289" "3447370" "3566385" "3683352" "3711210" "3723746" "3788742" "3820901"). PN. OR ("3924252").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/05 11:54 |
| S28 | 5 | ("2002/0135490").URPN. | USPAT | OR | ON | 2009/03/05 11:58 |
| S29 | 5436 | (mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEA3 (locat\$3 position coordinat\$3)) WTH (target object subject) SAME (ceas\$3 stop\$3 halt\$3 terminat\$3) WITH (emit\$4 radiat\$3 beam light \$2lluminat\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 13:59 |
| S30 | 5 | (mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR\$ (locat\$3 position coordinat\$3)) WITH (target object subject) SAME (ceas\$3 stop\$5 halt\$3 terminat\$3) WITH (emi\$4 radiat\$3 beam light \$2lluminat\$3) AND (radiation laser light) SAME smok\$3 SAME (\$3mag\$\$) pictur\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 14:04 |
| S31 | 18 | \$29 AND (250/343,552,573-577, 340/237,607,628,630,693, 356/206,207,237,336-338,369,438,439, 382/100,325).cds. | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 14:08 |
| S32 | 1151 | (mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR3 (locat\$3 position coordinat\$3)) WITH (target object subject) SAME ((turn\$5 swith\$3) NEAR3 (off out)) WITH (emit\$4 radiat \$3 beam light \$2lluminat\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 14:22 |

| \$33 | 0 | (mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR\$ (locat\$3 position coordinat\$3) WITH (arget object subject) SAME ((turn\$3 swith\$3) NEAR\$ (off out)) WITH (emit\$4 radiat \$3 beam light \$2lluminat\$3) AND (radiation laser light) SAME smok\$3 SAME (\$3 imag\$3 pictur\$3) NOT (\$30 S31) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 14:23 |
|------|------|---|---|----|----|---------------------|
| S34 | | (mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAP3 (locat\$3 position coordinat\$3)) W1TH (target object subject) SAME ((turn\$3 switCh\$3) NEAP3 (off out)) W1TH (emit\$4 radiat \$3 beam light \$2lluminat\$3) AND (radiation laser light) SAME smok\$3 SAME (\$3imag\$3 pictur\$3) NOT (S30 S31) | US PGPUB; USPAT; USOCR; FPRS; EPC; JPC; DERWENT; IBM_TDB | OR | ON | 2009/03/10 14:24 |
| \$35 | 1 | (mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR3 (locat\$3 position coordinat\$3) WITH (rarget object subject) SAME ((turn\$3 switch\$3) NEAR3 (off out)) WITH (emit\$4 radiat \$3 beam light \$2lluminat\$3) AND (radiation laser light) SAME smok\$3 SAME (\$3imag\$3 pictur\$3) NOT (S30 \$31) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 14:25 |
| \$36 | 6 | (mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR\$ (locat\$3 position coordinat\$3) WITH (target object subject) SAME ((turn\$3 switch\$3 shut \$4) NEAR3 (of out)) WITH (emit\$4 radiat\$3 beam light \$2 luminat\$3) AND (250/343,552,573-577, 340/237,607,528,830,693, 356/206,207,237,336-338,369,438,439,382/100,325).ccls. NOT (\$30, \$31, \$35, \$35, \$35, \$35, \$35, \$35, \$35, \$35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWENT; IBM_TDB | OR | ON | 2009/03/10 14:27 |
| \$37 | 1647 | (mot\$3 mov\$3 displac\$3 (chang\$3 differen\$4) NEAR3 (locat\$3 position coordinat\$3) WITH (rarget object subject) SAME (ceas\$3 stop\$3 halt\$3 terminat\$3 (turn\$3 switch\$3 shut\$4) NEAR3 (off out)) WITH (emit\$4 radit\$3 beam light \$2luminat\$3) AND ("250"\\$, "340"\\$, "350"\\$, "380"\\$). ccls. NOT (\$30 \$31 \$35 \$36) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 14:32 |
| S39 | 1 | \$37 AND (emit\$4 radiat\$3 beam light \$2lluminat\$3 laser) \$AME \$mok\$3 \$AME (\$3imag\$3 pictur\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 14:35 |

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